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NOTICE OF ALLOWANCE AND FEE(S) DUE

21186

7590

01/12/2009

EXAMINER

SCHWEGMAN, LUNDBERG & WOESSNER, P.A. P.O. BOX 2938
MINNEAPOLIS, MN 55402

HOANG, HIEU T

ART UNIT PAPER NUMBER

2452

DATE MAILED: 01/I2/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/663,204	09/15/2003	Vipul Ved Prakash	27I0.005USI	2360

TITLE OF INVENTION: METHOD AND APPARATUS TO ENABLE MASS MESSAGE PUBLICATIONS TO REACH A CLIENT EQUIPPED WITH A FILTER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$0	\$0	\$1510	04/13/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

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If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

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If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

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III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)					Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.					
SCHWEGMA P.O. BOX 2938 MINNEAPOLIS	P.A.		Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.							
			(Depositor's name)							
					(Signature)					
									(Date)	
APPLICATION NO.	FILING DATE			FIRST NAMED INVENTOR AT			ATTO	ATTORNEY DOCKET NO. CONFIRMATION NO.		
10/663,204	09/15/2003			Vipul Ved Prakasl	h			27I0.005USI	2360	
TITLE OF INVENTION FILTER	I: METHOD AND APPA	ARATU	JS TO ENABLE N	MASS MESSAGE PU	BLIC	CATIONS TO REA	АСН А	CLIENT EQUIPPED) WITH A	
APPLN. TYPE	SMALL ENTITY	IS	SUE FEE DUE	PUBLICATION FEE D	UE	PREV. PAID ISSU	E FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO		\$1510	\$0		\$0		\$1510	04/13/2009	
EXAM	IINER		ART UNIT	CLASS-SUBCLASS						
HOANG	, HIEU T		2452	709-206000		•				
I. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.				2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.						
(A) NAME OF ASSI	less an assignee is ident h in 37 CFR 3.11. Comj GNEE	ified be	elow, no assignee of this form is NO	data will appear on t T a substitute for filing (B) RESIDENCE: (C	he pa	atent. If an assign assignment. and STATE OR C	COUNT	TRY)	ocument has been filed for	
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•	10/663,204	09/15/2003	Vipul Ved Prakash	2710.005US1	2360	
	21186 75	790 01/12/2009		EXAM	IINER	
	SCHWEGMAN,	LUNDBERG & WO	HOANG, HIEU T			
	P.O. BOX 2938		ART UNIT	PAPER NUMBER		
	MINNEAPOLIS, N	MN 55402	2452			

DATE MAILED: 01/12/2009

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 833 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 833 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)				
Notice of Allowability	10/663,204 Examiner	PRAKASH, VIPUL VED Art Unit				
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	HIEU T. HOANG	2452				
The MAILING DATE of this communication apperall claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REMAINS) CLOSED in this app or other appropriate communication IGHTS. This application is subject to	olication. If not included will be mailed in due course. THIS				
1. This communication is responsive to the communication file.	led on 10/21/2008.					
2. X The allowed claim(s) is/are 19, 21, 23-25, 27-30, 32-35.						
3. ☐ Acknowledgment is made of a claim for foreign priority under a) ☐ All _ b) ☐ Some* c) ☐ None of the:						
1. Certified copies of the priority documents have						
2. Certified copies of the priority documents have	been received in Application No	·				
Copies of the certified copies of the priority do	cuments have been received in this i	national stage application from the				
International Bureau (PCT Rule 17.2(a)).						
* Certified copies not received:						
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.						
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give						
5. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.					
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached						
1) ☐ hereto or 2) ☐ to Paper No./Mail Date						
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date						
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).						
6. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT						
Attachment(s) 1. ☑ Notice of References Cited (PTO-892)	5 Notice of Informal P	atent Application				
 Notice of Praftperson's Patent Drawing Review (PTO-948) 	<u> </u>	 5. ☐ Notice of Informal Patent Application 6. ☐ Interview Summary (PTO-413), 				
2. Thouse of Dialiperson's Faterit Diawing Neview (F10-340)	Paper No./Mail Dat					
3 Information Disclosure Statements (PTO/SB/68),	7. 🛛 Examiner's Amendo	nent/Comment				
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit	8. 🛛 Examiner's Stateme	ent of Reasons for Allowance				
of Biological Material	 9.					
/Kenny S Lin/						
Primary Examiner, Art Unit 2452						

DETAILED ACTION

This office action is in response to the communication filed on 10/21/2008.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Dag Johansen on 12/15/2008, followed by an examiner's facsimile of proposed examiner amendment. The attorney responded on 12/22/2008 that the proposed examiner amendment was agreed upon.

Claim 26 substantially duplicates claim 19. Therefore, the claim is cancelled and dependent claims 27-29 will be amended to be dependent on claim 19.

Subject matter of claims 20 and 22 is incorporated to claim 19. Therefore, claims 20 and 22 are cancelled.

Subject matter of claim 31 is incorporated to claim 30. Therefore, claim 31 is cancelled.

The claims have been amended as follows:

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1-18. (Cancelled)

19. (Currently Amended) A method to filter an electronic publication published by a content publisher, the method comprising:

the content publisher registering the electronic publication with a server, the registering of the electronic publication including:

assigning to the electronic publication, a randomly selected unique address to the electronic publication which the content publisher is to deliver content associated with the electronic publication;—

assigning a publication identification (ID) to electronic publication, and registering content of the electronic publication [[based on]] by computing a signature of the content and associating the signature with the electronic publication via the publication ID;

receiving a further content at a client;

receiving, at the server, a request from [[a]] the client a request to determine whether the <u>further</u> content is registered; <u>wherein the request including a further signature of the further content;</u>

determining that the further content is registered by using the further signature as a key to search for the signature at the server via the publication ID;

providing the client with the publication (ID) ID based on determining that the further content is registered; the publication ID allowing the client to associate the

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<u>further</u> content with the electronic publication; and to determine that the electronic publication is included in a subscribed list stored on the client.

wherein the publication ID allowing the client to automatically move the further content into a client inbox if the further electronic publication is on a subscribed list stored on the client; and the publication ID allowing the client to automatically block or move the further content into a client spam folder if the further electronic publication is on an unsubscribed list stored on the client.

- 20. (Cancelled)
- 21. (Previously Presented) The method as set forth in claim 19, wherein the content publisher is remote from the client.
- 22. (Cancelled)
- 23. (Currently Amended) A method to manage mass <u>electronic</u> publication delivery, the method comprising:

assigning to a publication, a unique address to which a respective content publisher is to deliver content associated with the publication;

assigning a publication identification (ID) to the publication and associating the publication ID with a signature of the content; and

client; and

receiving a request from a client to determine if the content identified in the request is associated with the publication that is on a subscribed list maintained by the

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sending the publication ID to the client based on determining that the content is associated with the publication, the publication ID allowing the client to determine that the electronic publication is included in a subscribed list stored on the client, and to move the content to a client inbox.

a content publisher registering a electronic publication with a server, the registering of the electronic publication including:

assigning to the electronic publication, a randomly selected unique address to which the content publisher is to deliver content associated with the electronic publication;-

assigning a publication identification (ID) to electronic publication, and registering content of the electronic publication by computing a signature of the content and associating the signature with the electronic publication via the publication ID;

receiving a further content at a client;

receiving, at the server, a request from [[a]] the client to determine whether the further content is registered; wherein the request including a further signature of the further content;

determining that the further content is registered by using the further signature as a key to search for the signature at the server via the publication ID;

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providing the client with the publication ID based on determining that the further content is registered; the publication ID allowing the client to associate the further content with the electronic publication;

wherein the publication ID allowing the client to automatically move the further content into a client inbox if the further electronic publication is on a subscribed list stored on the client; and the publication ID allowing the client to automatically block or move the further content into a client spam folder if the further electronic publication is on an unsubscribed list stored on the client.

24. (Previously Presented) The method as set forth in claim 23, further comprising:

receiving input related to the content from a plurality of separate clients; and rating the content based on the input, wherein the rating provides an indication of whether the content is spam.

25. (Previously Presented) The method as set forth in claim 24, further comprising sending the rating to a further client to determine a default characterization of the content by the further client.

26. (Cancelled)

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27. (Currently Amended) The method as set forth in claim [[26]] 19, wherein the registering of the publication includes associating a publication name with the

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publication ID and [[a]] the randomly selected unique address to which the content is

delivered by the content provider.

28. (Currently Amended) The method as set forth in claim [[26]] 19, wherein the

registering of the content includes accessing the content at the <u>randomly selected</u>

unique address; computing a signature of the content that includes data representative

of the content; and storing the signature in [[the]] a database of the server with the

publication ID.

29. (Currently Amended) The method as set forth in claim [[26]] 19, wherein the

publication includes a mass email publication and the published content includes one or

more email messages.

30. (Currently Amended) A method for managing an inbox on a client machine, the

method comprising:

receiving from a content publisher, content included in a publication;

querying a server to determine whether the content is registered;

in response to the request, receiving a publication identification (ID) identifying

the publication and indicating that the content is registered with the server;

determining that a user is subscribed to the publication based on finding the publication identified by the publication ID in a subscribed list stored on the client machine; and

allowing the content to reach the inbox on the client machine based on the publication being registered and the user being subscribed to the publication.

a content publisher registering a electronic publication with a server, the registering of the electronic publication including:

assigning to the electronic publication, a randomly selected unique

address to which the content publisher is to deliver content associated with the

electronic publication;—

assigning a publication identification (ID) to electronic publication, and registering content of the electronic publication by computing a signature of the content and associating the signature with the electronic publication via the publication ID;

receiving, from a content publisher, a further content at the client machine;

sending a request from the client machine to the server to determine whether the further content is registered; wherein the request including a further signature of the further content;

determining that the further content is registered by using the further signature as a key to search for the signature at the server via the publication ID;

providing the client machine with the publication ID based on determining that the further content is registered; the publication ID allowing the client machine to associate the further content with the electronic publication;

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wherein the publication ID allowing the client machine to automatically move the further content into a client inbox if the further electronic publication is on a subscribed list stored on the client machine; and the publication ID allowing the client machine to automatically block or move the further content into a client spam folder if the further electronic publication is on an unsubscribed list stored on the client machine.

31. (Cancelled)

- 32. (Currently Amended) The method as set forth in claim 30, including performing an authentication operation to authenticate the content publisher responsive to the receiving of the <u>further</u> content from the content publisher.
- 33. (Previously Presented) The method as set forth in claim 32, wherein the authentication operation includes sending authentication information received from the content publisher to the server for verification of the authentication information.
- 34. (Previously Presented) The method as set forth in claim 30, wherein the publication includes a mass email publication and the content includes at least one email message.

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35. (Currently Amended) The method as set forth in claim 30, wherein the client machine provides a user interface (UI) that includes an unblock button that is user-selectable to indicate to the client machine that the publication is to be placed on the subscribed list, and a block button that is user-selectable to indicate to the client machine that the publication is to place be placed on the unsubscribed list.

Reasons for Allowance

The following is an examiner's statement of reasons for allowance:

Claims 19, 21, 23-25, 27-30, 32-35 are allowed. The prior art of record does not teach the claimed invention, comprising a method for a content publisher to register a content publication at a server by associating a publication ID and content signature, and thereafter content received at a client requires the client to verify with the server that the content is registered before the content received at the client can be filtered as content to be placed in client inbox or client spam folder according to the registration and client subscribed list.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure is included in form PTO 892.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hieu T. Hoang whose telephone number is 571-270-1253. The examiner can normally be reached on Monday-Thursday, 8 a.m.-5 p.m., EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee can be reached on 571-272-3964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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НН

/Kenny S Lin/

Primary Examiner, Art Unit 2452